A-RDP78-02820A000300020010-5

		MONTHLY PROJECT	REPORT		
ORIGINATOR(S) OC-E/OC-O&T	Ви	DGET EST.FY. AMOUNT		TING PERIOD ember - 30 September 57	
☐ FUTURE	ACTIVE	☐ COMPLETED	CANCEL	ED SUSPENDED	
PROJECT NUMBER E-5021		TY CLASS PRIM. R	SPN. PROJEC	T ENGINEER	25X1A9
PROJECT TITLE	וח	F Development and Re	nlacement Prog	ram	
PROJECT REQUIREM		. Dove a passe and no	processing and a resident		
(d) Close rang	E. DOOV IV ne !			(c) Portable VHE, DF.	
		ir, pr.			
Investiga Compile a report specification gation be unformation	te military, F rt on the late and recommend ruitful, prepa	CC and commercial dest development, including equipments for started as specifications for specifications for specifications.	evelopments in luding cost, av adardization. or the developm	the field of DF.	
Investiga Compile a report specification gation be unfo	te military, F rt on the late and recommend ruitful, prepa	CC and commercial dest development, including equipments for star	evelopments in luding cost, av adardization. or the developm	the field of DF. ailability and Should the investi- ent and manufacture	05V4 04
Investiga Compile a report specification gation be unformation	te military, F rt on the late and recommend ruitful, prepa	CC and commercial dest development, including equipments for started as specifications for nications requirements.	evelopments in luding cost, av adardization. or the developm	the field of DF. ailability and Should the investi- ent and manufacture	25X1A§

During this reporting period a trip was made to the main Navy Building to discuss with Mr. Egan of the Countermeasures Branch, Electronic Design and Development Division, Bureau of Ships, the latest RDF developments in the Navy. The only information of a developmental nature was a High Frequency Wellenweber system being developed by the University of Illinois. See the attached trip report, dated 17 September.

Brochures from commercial firms to date have failed to reveal any equipment which could fill any of the requirements of the Office of Communications. The brochures thus far have mainly covered equipments for aircraft or shipboard use covering limited frequency ranges.



	MONTHLY P	ROJECT REPORT			-
ORIGINATOR(S) OC-E	BUDGET EST. FY	OUNT	REPORTING 1 - 30 S	eptember 1957	divine matricine
☐ FUTURE 5 2 AC	CTIVE CO	MPLETED	CANCELLED		
PROJECT NUMBER E-5034	PRIORITY CLASS	PRIM. RSPN. EES	PROJECT EN	GÍNEER	2 5X1A9
PROJECT TITLE Developmen	t of 8" Tape Reel	for AFSAM-7			
PROJECT REQUIREMENT	el to provide long	er running time	than is now	available with	
4" tape reel	991 00 brovies				
· · · · · ·	×-				
	acteristics to incl			A	
The design char	acteristics to incl				
	ncteristics to incl meter reel (8").	Lude:		A	
The design charantee A. Maximum dia B. Ease of mou	ncteristics to incl meter reel (8").	ude:			25X1A9
The design charantee A. Maximum dia B. Ease of mou	acteristics to incl meter reel (8"). nting	ude:	TE C	OMPLETION DATE	25X1A9

A stumbling block has been encountered in the procurement of the reels needed for the modification. It appears that NSA cannot supply the reel assemblies since spare reels for the units that are in use were never carried as a ready made stock item. However, they are endeavoring to procure sufficient parts to assemble one reel that can be utilized by us as a prototype for the manufacture of other assemblies.

If it is found impossible to procure a reel from NSA, then the necessary drawings and other arrangements will be made to completely construct this reel assembly from scratch.

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3 E C R E T

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ORIGINATOR(S)	BUDGET	Est. FY.	REPORTIN	G PERTOD	
OC-E-		AMOUNT	1 Sept	ember - 30 Septe	mber
FUTURE 3	ACTIVE	COMPLETED ,	CANCELLES		I D
PROJECT NUMBER	PRIORITY CL		N. PROJECT	NGINEER	25X1A9a
E-5037	11	FES		- Augustus - mars (in a mars of the lighter the lighter than the mars in the lighter than the contract of the lighter than th	
PROJECT TITLE					
Technical Bullet	ins	· '			
PROJECT REQUIREMEN	T				
general operation)T.	with current tech	•		
	cal literature	to determine and of reproduce requirement and coordination			
	•	·		Constant DATE	25X1A9a
APPROVAL DATE	APPROVED "	STARTIN	G DATE	COMPLETION DATE	
		O. Palace	1056		Į.

Project No. E-5037

TECHNICAL BULLETIES

Technical Bulletin No. 17 - "Location and Suppression of Radio Interference.", was sent to all areas except Headquarters. Headquarters will be supplied when the necessary copies, now on order, are received by FES.

Technical Bulletin No. 18 - "Performance of the Quad Antenna." was issued to all areas including Headquarters.

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☐ FUTURE	CE ACTIVE	□ Con		CANCELLED	SUSPENDED	
PROJECT NUMBER E-5041	PRI	ORITY CLASS	PRIM. RSPN. EEC	PROJECT, ENG	INEER	25X1A9
PROJECT TITLE		'a the Da	w almaina		4	
		Transmitter Re	brekagriik			
PROJECT REQUI-	EMENT			e standon / m	manemitter	1
Improve	the reliab:	ility and opera	tion features o	i the Mr4 le	anamicoo: se station use.	
and package	it with a P	ortable Master.	Oscillator in a	rack to: ta:		
,						
PROJECT DESCRI	PTION					
		er was original	ly made for sma	Il station i	ntermittent	
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	شمست بمشاه الأستنيان	what the trottom	TTAP BIOG PMO II	I THE NO THEIR	I CO TO . C- C-	
				CONSTRUCTOR	TITUE IL DOCUMENT	- 72
						.e.rs
currently un	dergoing th	ower modificati	lon. This data	will then te	given to the	
first consul	ting firm.			•		
			· •			
				-		25X1A9
APPROVAL DATE	APPR	OVED	STARTING DAT	-	MPLETION DATE	
28 February	1956		1 March 19	56		
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		· • • • • • • • • • • • • • • • • • • •				24115
			been been	sturned from	the contractor	. 2 5 X1A5a
Two	Portable	Master Oscillat	ors have been I	leintenance R	ranch is effect	🔔 2\$X1A5a
	for r	epair. The int	tallation and h	ath centance b	1 41.01. 21. 01.101	
ing this re	pair.			·		
				hie month	Some of the wor	k
The co	ntractor ha	s made satisfac	tory progress	TITE MODULE) wan:	
accomplishe	d on extend	ing the lower	requency range	() (U 4 mus.	,	1,

Mounting arrangement for switching the capacitors has been

- completed.
- b) The value of the capacitors to be used has been determined and they have been ordered.
- c) One prototype model has been finished.

The rough draft of the new instruction manual has been written and is now being corrected. The cabinets have been delivered and the mounting brackets to support the RT-4 transmitter, PMO, and the power supply have been fabricated and are being painted. The cabinet fans, however, have not yet been delivered and 25X1A5a1 have not been able to get a delivery date from the manufacturer. 25X1A5a1

Project Officer has been advised by the 06-E Project Officer to look for a new source for these cabinet fans.

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	MONTHLY PROJECT REPO	ORT
PROJECT NUMBER E-5041	PRIM. RSPN.	REPORTING PERIOD 1 - 30 September 1957

CONTINUED

It has been learned from the contractor that notification of an extended completion date for this contract had been sent to the Office of Logistics during the month of August. The new contract completion date is 15 November, 1957.

A satisfactory inspection report has been sent to the Office of Logistics.

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S F C R E T

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ORIGINATOP(S) OC-E	Bungi	ET EST. FY.	OUNT		30 September 1957
	ACTIVE	□ Co:	MPLETED	CANCEL	LED D SUBPENCE
PROJECT NUMBER . E-5043	PRIORITY	CLASS	PRIM. RSPN EES	. PROJEC	T ENGINEER 25X
PROJECT TITLE	ola VHF/MUX	Equipmen	t for Stand-	-By Switchor	yer
				•	ns when used as
Determine the supplies for switch an investigation w fans when the equiphase of this projespares which should	n-over use will be made pment is ope ect will be	then the Volume the erated und to prepare	PHF/MUX is the possible instead of a bill of a check MUX link	me primary stallation ient temper materials	or ventilating atures. A second of operating
APPROVAL DATE	APPROVED	WAB /s/ JJK /s/	STARTING	DATE ry 1957	COMPLETION DATE
20 October 1956					

25X1A5a1 racks has been ordered from the fan, including mounting hardware is approximately \$25.

> Previously, the fan type used in the DDR-2 modification kit (Modification Work Order #22) was also to be used in the MUX racks, but after investigating further, it was discovered that due to different rack construction another type would be required.

A rough draft of the Modification Work Order has been compiled, and will be published when a FIIN number for the fan has been received.

Approved For Release 2001/07/28 : CTA-RDP78-02820A009300920010-5

PROJECT TITLE Modification of the 16-F and 231-D Transmitters PROJECT REQUIREMENT Determine modification to operate 16-F and 231-D Transmitter 25X1A below 4 mc. when the excitation frequency is equal to the output frequency. PROJECT DESCRIPTION These transmitters multiply the input frequency by the factor of 2, 4, or 3. It is intended to have a consulting engineer investigate this problem and recommend possible transmitter modifications. The results of this investigation will be published as a standard Modification Work Order.	1	ŧ		MONTHLY PROJE	CT REPORT			
PROJECT NUMBER E-5050 Resident Fitte Modification of the 16-F and 231-D Transmitters PROJECT FITTE Modification of the 16-F and 231-D Transmitters PROJECT REQUIREMENT Determine modification to operate tellow 4 mc, when the excitation frequency is equal to the output frequency. PROJECT DESCRIPTION These transmitters multiply the input frequency by the factor of 2, 4, or 3. It is intended to have a consulting engineer investigate this problem and recommend possible transmitter modifications. The results of this investigation will be published as a standard Modification Work Order. 25X1A APPROVAL DATE 1 May 1956 Tequested an increase of funds of \$550, over the original cost of this task. It was reviewed and approved and the appropriate memorandum was sent to the Office of Logistics. The Operations and Training Division was advised of the receipt, of the modification kits in the warehouse and the subsequent redelivery to the field. Ten kits were ordered for 1 and two kits for 2 Both of these base 25X1A6 stations were notified and given an approximate ETA of the kits. A brief description of what the modification will do was drafted and given to MSB for inclusion in their Supply Newsletter for further dissemination to the field. In this way, other base stations with a requirement for this type of operation of their 16-F-14 type transmitter will be informed and have the appropriate ordering information on hand. A satisfactory final inspection report has been sent to the Office of Logistics.	-		Вис		• .)57
E-5050 The project Title 16-F and 231-D Transmitters 16-F a		FUTURE	ACTIVE	COMPLETE	. D 🖸	CANCELLED	□ SUS	PENDED
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This project is completed.	A5a1	cost of this tag was sent to the The Operati modification ki Ten kits were or stations were no A brief der to MSB for including the companion of the	requests. It was reduced for the state of Lorentz and Trainers and Trainers and the state of the	ted an increase of reviewed and appropriates. Ining Division we rehouse and the stand two kits given an approximate the modified assess that it is supply Newsler assessments as the supply Newsler a	of funds of roved and to subsequent for the state ETA of the cation will the require	\$550. over he appropria of the rece redelivery Both of to the kits. do was dra orther disse	the originate memoral ipt of the to the field and amination this type of	nal indum 25X1A6a given to the
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MONTHLY PROJECT REPORT REPORTING PERIOD BUDGET EST. FY. ORIGINATOR (S) 1 - 30 September 1957 25X1A6a V0C-E AMOUNT D Suspection CANCELLED COMPLETED ACTIVE FUTURE PROJECT ENGINEER PRIM. ASPN. PRIORITY CLASS PROJECT NUMBER 25X1A9a EES I E-5053 PROJECT TITLE URT-11 Power Supply Arcing PROJECT REQUIREMENT The filament winding of a high voltage transformer and the filter choke are arcing at the feed-through bushings. This project is to determine the cause of and corrective measures for this problem. PROJECT DESCRIPTION Preliminary investigation has indicated this arcing-over is not caused by insufficient voltage ratings of the components. It may be caused by a resonance. The problem will be turned over to a consulting firm for investigation and recommendations. Corrective measures for eliminating this problem will be distributed as a Modification Work Order. COMPLETION DATE STARTING DATE APPROVED WAB /s/ APPROVAL DATE

15 September 1955 JJK /s/ 20 September 1955 February 1957

This project has been "reactivated.

25X1A6a

At the T&I Shop, several transmitters have been modified to prevent transient voltages. Upon testing the modified power supplies, it was found that a breakdown occurred on a new transformer indicating the possibility of a further fault other than a transient voltage present in the URT-11 and RT-1B power supplies.

25X1A5a1

have been advised of this and are now in the process of testing; five transmitter power supplies for any faults. Other than the reporting of no transient voltage higher than the rectified DC voltage present, nothing conclusive has been found as yet. Six new transformers have been ordered for voltage breakdown tests.

Installation of the transient suppression modification has been stopped pending the results of this new investigation.

PROJECT NUMBER E-5055 Test Equipment Standardization PROJECT REQUIREMENT Compile a list of standard test equipment for the Office of Communicationse. PROJECT DESCRIPTION Investigation has shown that some of the test equipment for use and stome is outdated and in many cases types of equipment are duplicated. This projection will be to review OC support requirements and prepare a list of standard test equipment to support these requirements. This list will be used for procure and stocking purposes. APPROVAL DATE 29 October 1956 PRIM. RSPN. PROJECT ENGINEER PROJECT ENGINEER SDS PROJECT ENGINEER SDS PROJECT ENGINEER SDS PROJECT ENGINEER SDS FROME ENGINEER STARTING DATE February 1957						
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PROJECT NUMBER E-5055 II Test Equipment Standardization PROJECT REQUIREMENT Compile a list of standard test equipment for the Office of Communicati use. PROJECT DESCRIPTION Investigation has shown that some of the test equipment for use and sto is outdated and in many cases types of equipment are duplicated. This proje will be to review OC support requirements and prepare a list of standard test equipment to support these requirements. This list will be used for procure and stocking purposes. APPROVAL DATE 29 October 1956 APPROVED WAB /s/ February 1957 APPROVAL DATE Of the listings of the various pieces of test equipment. Ten sheets describing the qualities of some test equipment were distributed throughout the office of communications for comment. Some constructive criticism was obtained from R+D. Theirs, however, were the only remarks made. There is still one copy of the first drafts being circulated, and it is hoped that this copy will bring forth more comments from the interested parties. The second phase of test equipment is being prepared. As soon as it is	ORIGINATOR(S)	Bu	DGET EST.FY	۲,	REPORTING	PERIOD
PROJECT NUMBER E-5055 Tost Equipment Standardization PROJECT REQUIREMENT Compile a list of standard test equipment for the Office of Communicationses. PROJECT DESCRIPTION Investigation has shown that some of the test equipment for use and stome is outdated and in many cases types of equipment are duplicated. This projectile to review OC support requirements and prepare a list of standard test equipment to support these requirements. This list will be used for procure and stocking purposes. APPROVAL DATE 29 October 1956 APPROVED WAB /s/ Prior to his departure, of the listings of the various pieces of test equipment. Ten sheets describing the qualities of some test equipment were distributed throughout the office of communications for comment. Some constructive criticism was obtained from R4D. Theirs, however, were the only remarks made. There is still one copy of the first drafts being circulated, and it is hoped that this copy will bring forth more comments from the interested parties. The second phase of test equipment is being prepared. As soon as it is	OC-E		As	TAUGN	1-30 Sep	tember 1957
Test Equipment Standardization PROJECT REQUIREMENT Compile a list of standard test equipment for the Office of Communicati use. PROJECT DESCRIPTION Investigation has shown that some of the test equipment for use and sto is outdated and in many cases types of equipment are duplicated. This project will be to review OC support requirements and prepare a list of standard test equipment to support these requirements. This list will be used for procure and stocking purposes. APPROVAL DATE 29 October 1956 Prior to his departure, APPROVED WAB /s/ JJK /s/ February 1957 Prior to his departure, had nearly completed the rough drafts of the listings of the various pieces of test equipment. Ten sheets describing the qualities of some test equipment were distributed throughout the office of communications for comment. Some constructive criticism was obtained from R-D. Theirs, however, were the only remarks made. There is still one copy of the first drafts being circulated, and it is hoped that this copy will bring forth more comments from the interested parties. The second phase of test equipment is being prepared. As soon as it is	□ FUTURE	ACTIVE	□ Cc	OMPLETED	CANCELLED	SUSPEN
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The revisions, as mentioned in the previous monthly report, were also forwarded to MSB for action.

Drawings of typical antenna layouts, equipment layouts, and power distribution block diagrams for all of the Strategic Reserve Stations are now being prepared.

Approved For Releas 2001/07/28 : CIA-RDP78-02820A000300020010-5

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The R&D test report on the use of a screen room to reduce Tiny Tot transient radiation has been received. The main point of the test is covered under conclusions, Para. 5d of the report which states, "The conducted and radiated interference was undetectable with the measuring equipment operating inside the screen room and the unit (Tiny Tot) operating outside the screen room." It should be noted that the Tiny Tat was not within the screen room, but placed outside along-side the screen room wall. This was done because the outside ambient noise kevel was so high that the measuring equipment had to be placed in the screen room; a noise free area. This report is being evaluated and then will be forwarded to the Security Division along with any necessary comments.

29 October 1956

29 October 1956

The NSA report will be completed and 2 copies furnished to us on/about 1 November. The acutal tests have been completed and the Tiny Tot equipment returned to I&MB/WMS.

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Approved For Release 2001/07/28c CIG-RDP78-028-20Δ-000300020010-5

OC-E AMOUNT 1-30 September 1957 CANCELLED SUSP PROJECT NUMBER E-5076 FRIDENTY CLASS FRIM. RSPN. SDS PROJECT TILE Double Side Band Suppressed Carrier Communications System PROJECT REQUIREMENT EVALUATION From OC requirements and to determine the feasibility of adapting this system for OC requirements. PROJECT DESCRIPTION This system consists of a transmitter Model AN/FRT-30 and receiver type AN/FRR-48 using a double side band suppressed carrier which has the advantage of not utilizing power for transmitting a carrier, similar to single side bs suppressed carrier transmission with the advantages of the gain realized by transmitting both side bands. This evaluation will consist of operating a labetween and OC-E to check the operation and tech characteristics of this sytem. APPROVAL DATE. APPROVED WAB /S JJK /S Two receivers are approved was suppressed carrier (Completion Date 1956) Two receivers are approved by AB /S Two receivers are approved by AB /S Two receivers are approved by AB /S JJK /S Two receivers are approved by AB /S Two receivers are approved by AB /S Two receivers are approved by AB /S The receivers are ap	AMOUNT Completed Cancelled Suspended Suspended			ONTHLY PRO	JECT REPOR	1		
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PROJECT NUMBER	PRIC	DRITY CLASS	PRIM. RSPN.	PROJECT	T ENGINEER	
E-5080		I	SDS			25X1A9
ROJECT TITLE						
Mobile Message Cer	ter					
ROJECT REQUIREMENT						
A Mobile Mess facility for proce	age Cer	ter is requir	ed as a compan	ion unit	to the 2-ST	radio
-	setus s	tail trailit.				
ROJECT DESCRIPTION						
The project w	unervie	uire the desi ors or C. W.	gn of a facili	ty with th	ne following	functions
		OTP Position				
			ilized for dup	lex land l	line operatio	n
		7 Position of Position				25X1A5
		uction Unit				23A IA5
			e Center in a	modified t	wo-wheel	
approximately twel	ve feet					by a two
and one-half ton t	·~	1.1			1 '	
PROVAL DATE	APPROV		STARTING DA	ŢE	COMPLETION	DATE
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PROJECT NUMBER E-5084 PRIORITY CLASS PRIM. RSPN. PROJECT ENGINEER 25X1 PROJECT TITLE Maintenance Facility for the To design a maintenance facility for the support of special communications electronics equipment associated with the Program PROJECT DESCRIPTION To provide drawings and specifications defining the space requirements, rocconfigurations, power requirements and special test equipment, test benches, and necessary accessory equipment required for this facility. PROVAL DATE January 1957 has assumed the responsibility for this project during the absence of the project engineer who will be on an overseas TDY assignment until December. Prior to his departure to prior to his departure to for this Program at vill contact and assist a team from the Office of Logistics in establishing plans for this facility prior to assuming his regular duties in							
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To provide drawings and specifications defining the space requirements, rocconfigurations, power requirements and special test equipment, test benches, and necessary accessory equipment required for this facility. PROVAL DATE January 1957 Approved WAB /8/ JJK /s/ JJK /s/ STARTING DATE January 1957 Completion Cate January 1957 has assumed the responsibility for this project during the absence of the project engineer who will be on an overseas TDY assignment until December. Prior to his departure to on a PCS assignment, he contact and assist a team from the Office of Logistics in establishing plans for this facility prior to assuming his regular duties in				1106			
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electronic maintenance facility for this Program at will contact and assist a team from the Office of Logistics in establishing plans for this facility prior to assuming his regular duties in	January 1957 the absence of	the project	JJK /s/	January ne responsibili	ty for th	is project	during
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establishing plans for this facility prior to assuming his regular duties in	January 1957 the absence of until December Prior to 1	the projection this departure by of this	JJK /s/ as assumed the tengineer where to section, was	January ne responsibilit no will be on a on a Po	ty for the overses assignment of the regardent	is project s TDY assi	during gnment 25)
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	MONT	HLY PROJECT R	EPORT		
ORIGINATOP(s) OC-E	BUDGET E	ST.FY. AMOUNT	REPORTING 1 - 30 Se	PERIOD ptember 1957	
☐ FUTURE	ACTIVE	COMPLETED	☐ CANCELLED	SUSPENDED	
PROJECT NUMBER E-5083	PRIORITY CLA	PRIM. RS	PN. PROJECT ENG	INEER	25X1A
PROJECT TITLE	Electronic M	oton Stop			
five second stead closing of the sig	y State bighai Fo ghal line shall p	c Storring the :	sive to the recept motors. The conti in operation.	ion of a forty- ned opening and	i
Modify the El to a steady state outside contractor as per requisition stock.	open circuit. A	schematic draw. Mate on 30 militi	s Staniara maila m	ted to an	
				*	
PPROVAL DATE 13 January 1997	APPROVED'	STARTING 21 January	S DATE COMM	PLETION DATE	25X1A

- a) Only part of the AC power wiring was changed from #18 to #14 wire size.
- b) When the 4 microfarad capacitor was changed to 3 microfarad, as requested in July, they changed the voltage rating from 400 volts to 200 volts. This lower rating caused the capacitors to go bad after about 5 minutes use.

The above problems are being corrected and the units will be delivered in the middle of October.

FIIN number 5/5815-H06-0645 has been assigned to the unit.

NSA has been contacted and they will fabricate Motor Stop units for parts cost plus labor. Their estimated price is \$85. each which is \$45. less than the price. Motor Stop units will be ordered from NSA when all area requirements have been obtained.

25X1A5a1

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O E C R E T

		MONTHLY P	ROJECT REPORT	Γ			
ORIGINATOP(S)		BUDGET EST. FY.		REPOR	TING PERIOD)	1
CSD 6-352		Ама	DUNT	1 - 30	O September	1957	
D FUTURE D	ACTIVE	□ Cor	APLETED	CANCELI	LED 🗆	SUSPENDED	
PROJECT NUMBER E-5092	PRIO	RITY CLASS	PRIM. RSPN. EES	PROJEC.	T ENGINEER		25X1A9a
PROJECT TITLE	**************************************]
Fabrication o	f Tiny-T	ots, Associat	ed Components,	and Modi	ification K	its.	
PROJECT REQUIREMENT							
Make 162 Tiny	-Tots as	required by	Commo. Security	Divisio	on.		
operation by complerequired parts to be assembled. Components to This quantity willing Tiny-Tot units	ete rewimodify to complete fulfill and the	ring and addine Model-19 and e 270 keyboar the requirem 172 new unit	nd the Model-14 d modifications ents for modifi s. The modific	ents. A for Tire kits with cation of	kit containy-Tot oper all be fabrof keyboard the XD-91	ning the ation will cicated. s on exist-	
performed by a loc components.	al Contr	actor as well	as one laurica	: :			
APPROVAL DATE	APPROV	E C	STARTING DATE	E	COMPLETIO	DATE	25X1A9a
21 February 1957			25 February	1957			
However, 20 units	reporting of these by be about	ng period and completely reproposal tems. The	order was placed modified Tiny To a stated that it y have indicated	or. it Telet; t would :	require 5 t ly, however	sets and to 6 months 2	5X1A5a1 5X1A5a1 5X1A5a1
Tiny To	t set, (Complete, Synd	chronous Motor	\$3.	327.66		all and the second seco
Tiny To	ot set, (Complete, Ser	les Governed Mot	tor \$3	389.66		
Tiny To	t TD, Se	eries Governed	1 Motor	* \$	657.00	*	

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3 E C R E T

PROJECT NUMBER BACTIVE CLASS PRIM. RSPN. PROJECT TITLE Study of Television Interference Produced by Some Commo. Transmitters PROJECT REQUIREMENT A study of some Agency transmitting equipment is needed to determine the extent of television interference radiated from this equipment. PROJECT DESCRIPTION Determine what are acceptable standards in commercial and amateur practice insofar as harmonic radiation related to television interference is concerned. Cause the types of equipment normally used by the Office of Communications to be subjected to tests to see if they meet the above specifications. This would include the RT-1, RT-1B, URT-11, BT-4, and RT-4. If any of this equipment fails to meet the acceptable standards, determine what can be done to bring it within specifications. Recommend a course of action to be taken. PROVAL DATE Approved STARTING DATE COMPLETION DATE 21 February 1957				PROJECT REPORT		
PROJECT NUMBER E-5093 PRIORITY CLASS PRIM. RSPN. PROJECT TITLE Study of Television Interference Produced by Some Commo. Transmitters PROJECT REQUIREMENT A study of some Agency transmitting equipment is needed to determine the extent of television interference radiated from this equipment. PROJECT DESCRIPTION Determine what are acceptable standards in commercial and amateur practice insofar as harmonic radiation related to television interference is concerned. Cause the types of equipment normally used by the Office of Communications to be subjected to tests to see if they meet the above specifications. This would include the RT-1, RT-1B, URT-11, RT-4, and RT-4. If any of this equipment fails to meet the acceptable standards, determine what can be done to bring it within specifications. Recommend a course of action to be taken. PPROVAL DATE APPROVED STARTING DATE COMPLETION DATE 21 PEDUARY 1957	ORIGINATOR(S) OC-E		1	•	1	
E-5093 I EES PROJECT TITLE Study of Television Interference Produced by Some Commo. Transmitters PROJECT REQUIREMENT A study of some Agency transmitting equipment is needed to determine the extent of television interference radiated from this equipment. PROJECT DESCRIPTION Determine what are acceptable standards in commercial and amateur practice insofar as harmonic radiation related to television interference is concerned. Cause the types of equipment normally used by the Office of Communications to be subjected to tests to see if they meet the above specifications. This would include the RT-1, RT-1B, URT-11, HT-4, and RT-4. If any of this equipment fails to meet the acceptable standards, determine what can be done to bring it within specifications. Recommend a course of action to be taken. PPROVAL DATE APPROVED STARTING DATE COMPLETION DATE 21 February 1957	- FUTURE	ACTIVE	E 🗀 Cor	MPLETED	CANCELLED	Suspended
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20 February 1957 21 February 1957	If any of what can be dor	this equip	ment fails to m	meet the accepta	ble standard commend a co	s, determine urse of action
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proposal and has been authorized by the Office of Logistics to proceed with the performance of Task Order Number 13. The contractor has accepted and	If any of what can be don to be taken. PPROVAL DATE 20 February 195 The continuous and in the performance.	APPRO APPRO ractor, in au ce of Task	it within spectors over the spectors of the sp	STARTING DATE 21 February has been notified office of Logs 3. The contract	Commend a co Com 1957 ed of approva	urse of action PLETION DATE 1 of the ceed with
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C E O R E T

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	М	ONTHLY PROJECT F	REPORT		
ORIGINATOR(S) OC-E	Buog	ET EST. FY.	ł	TING PERIOD	
	The Acres is	AMOUNT		30 September 1957	
PROJECT NUMBER	PRIORITY	COMPLETED	CANCEL		
E-5094	I	CLASS PRIM. RS		T ENGINEER	25X1A9a
PROJECT TITLE		_		- Individual and the second	
		ency Amplifiers (1,			
amplifiers in These must be	the 1,000 watt	range to determine use with existing	suitability	ability of RF power for Commo. use. mmo. low power trans	3-
PROJECT DESCRIPT	ION				
amplifier cove	ring the 2 to .	and military equipm 32 megacycle range le of linear amplif	with approxim	ately one kilowatt	
If any a r	e found accepts	able, to recommend	procurement a	nd stock levels	
•		, , , , , , , , , , , , , , , , , , , ,	production a	IM DOOCH TOYETS.	
				• •	
APPROVAL DATE	APPROVED	STARTIN	G DATE	COMPLETION DATE	 25X1A9a
February 1957		Fel.man	v 1947		Z3X1A9a
-				<u> </u>	
Delivery	has not yet bee	en made on the TMC	PAL-350.		
commercially a 1000 watts inp The output net 3.5 to 30 mega cleared at thi	vailable in November on class Cowork can match cycles. This as company so the	Manufactured by wember. The drive operation. AC power 40 to 600 ohms and amplifier costs \$52 and we can approach test and evaluati	r can be eith the tuning i 5. We wish t them overtly	er 115 or 230 volts. s continuous from o have someone to see if they	25X1A
this clearance	and mentions	that it may take up	to six weeks	to be completed.	
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S. E. C. R. E. T.

	1		PROJECT REP	ORT			
ORIGINATOR(S)		BUDGET EST.	Υ.		TING PER		
OC-0&T 57-062		<u> </u>	MOUNT		30 Septe	mber 1957	
FUTURE .	ACTIVE		COMPLETED	CANCEL:	LED	SUSPENDED	
PROJECT NUMBER E-5095	PRI	ORITY CLASS	PRIM. RSPN. EES	PROJEC	FEGINE	F 9-	25X1A9
PROJECT TITLE .						·	
,	Automat	tic Frequency	Scanning Devi	ces			
PROJECT REQUIREMENT Equipment in replace the time	ls needed		c frequency sc cient manual m		recordin	ng to	
PROJECT DESCRIPTION Investigate frequency scanni	the avai		st and specifi	cations of	U.~S. Ma	anufactured	
<u> </u>	J	,					
If none are made with equipm	availabl	le, general s	pecifications	will be wri	itten and	d contact	
made with edutin	iene manui	.accurers co	ger an escimar	e or the co	JSC OI ST	den equipment	•
This cost i detail specifica			nt to the proj			if approved,	
decail specifica	ICTURS WIT	ir oe altocen	am the equip	menc procu	eu.		
	٠	·					
	<u> </u>						
APPROVAL DATE	APPRO	VED	STARTING D	ATE	COMPLE	TION DATE	25X1A9
Approval Date - 25 February 1957		VED	Starting C 25 Febru		COMPLE	TION DATE	25X1A9
		VED			COMPLE	TION DATE	25X1A9
		VED.			COMPLE	TION DATE	25X1A9
25 February 1957	was con	ntacted three	25 Febru times this mos	ary 1957 oth concerny they have	ning the	ir developing m interest in	25X1A5a
an Automatic Fr such a project.	was concequency S	ntacted three	25 Febru times this mos	ary 1957 oth concerny they have	ning the	ir developing m interest in	25X1A5a

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SECOLO

		ONTHLY PROJECT R	REPORT			
ORIGINATOR(S) OC-E	Вирс	ET EST. FY. AMOUNT	1	orting Period - 30 September		
D FUTURE	CE ACTIVE	CompleteD	CANC	ELLED	SUSPENDED	
PROJECT NUMBER	PRIORITY	CLASS PRIM. RS	PN. PROJ	ECT ENGINEER	-	051/440
E-5099		EES				25X1A9a
PROJECT TITLE						
·	requency Exter	nsion of the 231-D	Transmitter			
PROJECT REQUIREMEN	-					
To determing operating range	of the	ation necessary to ■ type 231-D Transm	extend the altter from	upper frequen 26 to 28.5 me	cy gacycles.	25X1A
PROJECT DESCRIPTION	^u		······································			
This proble	em will be tur	ned over to an outs	side consult	ing engineeri	ng firm	
This proble for investigation from 26 to 28.5 that this freque will be made to by the Operation	em will be tur on. They will megacycles wi ency extension facilitate th ns & Training	determine if the factorial thread thread is possible, a Modis is modification on Division.	requency rations. If ification Waspecific tr	nge can be ex the results ork Order and ansmitters as	tended indicate kits directed	
This proble for investigation from 26 to 28.5 that this frequently will be made to	em will be tur on. They will megacycles wi ency extension facilitate th	determine if the f thout major modific is possible, a Mod is modification on	requency rations. If ification Waspecific tr	inge can be ex the results ork Order and	tended indicate kits directed	25X1A9a
This proble for investigation from 26 to 28.5 that this freque will be made to by the Operation	em will be tur on. They will megacycles wi ency extension facilitate th ns & Training	determine if the factorial thread thread is possible, a Modis is modification on Division.	requency rations. If ification W specific tr	nge can be ex the results ork Order and ansmitters as	tended indicate kits directed	25X1A9a

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The same of the sa

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OC-E/OC-0&T	BUDGET ES	AMOUNT \$21,000	1 - 30 Septemb	er 1957
- FUTURE	ACTIVE	☐ COMPLETED ☐	CANCELLED	SUSPÉN
PROJECT NUMBER	PRIORITY CLAS	SS PRIM. RSPN.	PROJECT ENGINEES	R
E-5102	I	EES		
PROJECT TITLE	×			
	Voice Link fo	or 6-ST		
PROJECT REQUIREMENT	NT			
		the transmitter and	receiver vans ba	sed on
d1 suggestions from	n operation	•		
PROJECT DESCRIPTION Design and a voice link car	on install in the two	o 6-ST units currentl communication betwee	en the transmitte	r and re
PROJECT DESCRIPTION Design and a voice link cap vans. The link a. Po b. Be c. Wo Once the all the rework of the	install in the two pable of providing should have the forwer output and rance portable or work ork into the present system. bove is accomplished the remaining 6-ST'	communication between ollowing capabilities approximating the in conjunction with ant MUX antenna system ed, a modification works.	en the transmitte B: MUX Link. an extra portabl n or provide a se rk order will be	e unit. perate an
PROJECT DESCRIPTION Design and a voice link cap vans. The link a. Po b. Be c. Wo Once the al the rework of the	install in the two pable of providing should have the forwer output and range portable or work ork into the present system.	communication between ollowing capabilities approximating the in conjunction with ant MUX antenna system ed, a modification work	en the transmitte B: MUX Link. an extra portabl n or provide a se rk order will be	e unit. perate ar publishe
PROJECT DESCRIPTION Design and a voice link cap vans. The link a. Po b. Be c. Wo Once the all the rework of the	install in the two pable of providing should have the forwer output and rance portable or work ork into the present system. bove is accomplished the remaining 6-ST'	communication between ollowing capabilities approximating the in conjunction with ant MUX antenna system ed, a modification works.	en the transmitte B: MUX Link. an extra portabl n or provide a se rk order will be	e unit. perate an
PROJECT DESCRIPTION Design and a voice link cap vans. The link a. Po b. Be c. Wo Once the al the rework of the	install in the two pable of providing should have the forwar output and ran e portable or work ork into the present system. bove is accomplished remaining 6-ST'	communication between ollowing capabilities nge approximating the in conjunction with nt MUX antenna system ed, a modification works. STARTING DAY	en the transmitte B: MUX Link. an extra portabl n or provide a se rk order will be	e unit. perate ar publishe

The R&D Laboratory has promised delivery of the P-33 Handie-Talkie mounting racks by 1 October 1957

Filters and racks will be installed and tested upon receipt of the racks.

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MONTHLY PROJECT REPORT

OC-E	BUDGET	AMOUNT	1 - 30 Se	ptember 1957	1
□ FUTURE 5	ACTIVE	COMPLETED	CANCELLED	C SUSPEND	E. U
PROJECT NUMBER	PRIORITY CL	ASS PRIM. HSPN.	PROJECT ENG	INEER	DEV1 A O O
E-5103	I	EES			2 5X1A9a
PROJECT TITLE					
Multiplex S:	etem for Rece	Station to Sub-Base	Stations Comm	unicetions	
PROJECT REQUIREMENT To provide a s meet expanding comm	system of commu	unications for base mitments without ext	to sub-base op	eration to	
PROJECT DESCRIPTION				,	
	expanding commu	ns currently in use unication commitment			
APPROVAL DATE	APPROVED	STARTING D	ATE COM	PLETION DATE	25X1A9a
May 1957		May 19	57	: * * * * * * * * * * * * * * * * * * *	ZOXIASa
	1			¥ , (
with Kahn tone tra	inswitting equipments for this syst	one receiving equipment, was initiated tem has not been look	d per request	of Chief, OC-E	

The report submitted to OC-E during the last reporting period was returned with a request for the above information.

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Which can be used	Approv	STARTING DATE	COMPLETION DATE	25>
which can be used				-
which can be used				
Which can be used		·		-
which can be used		·		-
Which can be used			•	
STICE OFFICE OF ALTO	d for having these	made by a commercial	e construction drawings firm under a contract.	
To make a pr	reliminary study of	f possible ways to ec	enstruct this type antenna	
OJECT DESCRIPTION		,		
To provide to be easily erecte	a sleeve type ante	nna kit in a compact short time.	packaged form which can	:
ROJECT REQUIREMENT				
Sleeve Type Ante	nna Kit for 7-21 M	cs.		
ROJECT TITLE				
E-5104	I	FES		25X
ROJECT NUMBER	PRIORITY CLASS		ROJECT ENGINEER	
T FUTURE S	ACTIVE		ANCELLED Suspender	
	I		Reporting Period 1 - 30 September 1957	
OC-E	BUDGET EST	IFY. I		2

Due to work of higher priority the Drafting Section was forced to delay work on the drawings. Work has been resumed on these drawings which should be completed in October.

The specifications have been written and are available to be submitted for bids as soon as the drawings are completed.

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_		×-	MONTHLY	PROJECT RE	PORT		
5.	ORIGINATOR(S) OC-E	В	JDGET EST. _{Fy} Am	.58 ount \$5,000	1	TING PERIOD 30 September	1957
	□ FUTURE	ACTIVE	□ Co	MPLETED	CANCEL	LED 🗀 S	SUSPENDED
	Project Number E-5105	PRIOR	ITY CLASS	PRIM. RSPN EES	PROJEC	T ENGINEER	25X1A
	PROJECT TITLE	HT-4	Exciter Mod	ification			
	PROJECT REQUIREMENT Some of the I between 18 and 30						
	The exciter of its output in the as simple as possiproblem if addition the proper level, with Modification	circuitry 13 to 30 ible. An onal help modificat	megacycle routside con is needed.	ange. Any c sulting firm When the ex 11 be made u	hanges nece may be cal citer drive	ssary will h led in on th is increase	e kept nis ed to
			*			* .:-	
	APPROVAL DATE August 1957	APPROVE		STARTING	DATE	COMPLETION	25X1A9
	. ()	280	* 0 1			0	- × 1-
25X1A5a	evaluation shows they were designed	hat in all	cases the	4 tuning unituning units	ts provided do not ful	by EES. The	neir ranges
25X1A5a 25X1A5a	The above tun prior project, Mod mitters. found to be more e modification will	ification fficient,	of HT-4 for findings we although st	PMO Use, we re verified ill not as e	re checked and the mod	on T&I stock ified units	Were
25X1A5a	1 A prototype m findings and sugge			be made by		using th	neir

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	MONTHLY P	ROJECT REPOR	T		
ORIGINATOP(S) OC-E	BUDGET EST. FY	. 58 DUNT \$10,000	REPORTING 1 - 30 Sep	PERIOD tember 1957	
T FUTURE C AC	TIVE CO	MPLETED [CANCELLED	SUSPENE	יבח
PROJECT NUMBER	PRIORITY CLASS	PRIM. RSPN.	PROJECT EN		25X1A
E-5106 PROJECT TITLE	1	EES		and the second s	23/1/
Mechan	ical Transmitter I	nterlock Switch	nes		Ì
providing a mechanica the doors of these tr PROJECT DESCRIPTION Determine the ty Have an outside consu the 16-F and 231-D ty and placement of the	repe and quantity of liting firm investing transmitters for switches.	h that will groned. switches for egate the circuit the best possible witches and other controls.	each type of itry and constible arrange	voltage when transmitter. truction of ment of wirin	
	tion to make insta	llation of thes		andatory.	
August 1957		August 195	7	25)	(1A9a
The firm of should be on hand appr	is drai roximat ėly 15 Octob	ting a proposa per.	l for this ta	ask and it ^{25X}	1A5a1
		· · · · · · · · · · · · · · · · · · ·			And the state of t

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•		YAHTHOM	PROJECT REPOR		
ORIGINATOR(S) OC-E/SEB/SDS		BUDGET EST. FY	7. 40UNT	REPORTING 1-30 Septe	PERIOD ember 1957
☐ FUTURE	CE ACTIVE	□ co	OMPLETED (CANCELLED	SUSPENDED
PHOJECT NUMBER	PRI	ORITY CLASS	PRIM. RSPN. SDS	PROJECT ENG	25X1A9
PROJECT TITLE	Standardiza	tion of Anten Drawings an	na and Transmis d Materials	sion Line Cons	struction
for commonly PROJECT DESCRIP	used antenn	es and transm	struction drawi		
x 11" sheets,	and antenr	a drawings an	ills of materia d bills of mate bound in bookle d originals wil	t form and di	snown on spatched to
·					
Annough Date	Anna		STARTING DA	TE COM	PLETION DATE

APPROVAL DATE
August 1957

August 1957

Completion Date
August 1957

Completion Date
25X1A9a

The final scaled drawings of the transmission line equipment are now being prepared by the drafting room. Approximately fifteen of these drawings have been checked and the revised copies will soon be finished. It is expected that drafting of the antenna drawings will begin within one week.

Considerable effort was put forth toward obtaining complete drawings and bills of materials of all the Agency antenna and transmittion line kits which are available in stock. It was found that very little information could be found concerning the extent of any one kit. About twenty-two bills of materials of Agency equipment have been gathered. A copy of these is being made and will be distributed as general information to the warehouse, MSB, EES, IMB, and SDS.

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ı		,	MONTHLY PR	OJECT REPO	RT		
ζ.	ORIGINATOP(S)	Buod	GET EST.FY.		REPORT	ING PERIOD	
	OC-0&T		Амо	TAL	1-30	September 1	957
	- FUTURE	ACTIVE	□ Сом	PLETED	CANCELL	ED S	USPENDED
	PROJECT NUMBER	PRIORITY	Y CLASS	PRIM. RSPN.	PROJECT	ENG NEER	25X1A9
	E-5112	I		SDS			e province i vice public againment de abolitación actualismo de actualismo
	PROJECT TITLE		_,				25X1A6
	PROJECT REQUIREMEN	dio Station		is Station to	he built	in Exam in	25X1A6
25X1A6a		' To design Radio Base Pr	a base kad: rogram. The	e station vil	l duplicat	e the facil	
25X1A	of w	hich is to be	e moved from	a limited and the same of the		for	use as
	a base station		station is	s being const	ructeu.	<u></u>	25X1A6
	This proje	ct will be di	lvided into	two phases.	Phase One	will be to	deter-
	mine the size of	f the areas r	needed & the	e type and st	yle of bui	ldings; to	Tormulate
25X1C4d	the logistics sthe base is to	upport requir be built	red; and to		iggested and to use st	andard	(1C4d
	building drawin	gs to reduce		·			
25X1C4d	Discussion	s will be hel	ld with rep	resentatives			utline
20/(10-10	our requirement be met. Phase	s so that the	ey may sugg ersist of more	est bases who e detailed pl	ere these r lanning bas	equirements	out
,	come of these d	iscussions.	0100 O1 MO1				
	APPROVAL DATE	APPROVED	~	STARTING D	ATE	COMPLETION	
	September 1957			September	r 1957		25X1A9
			-	 			and the second s
	The initial sizes of building	l requirement	t of this p	roject was to	determine	the type a	nd d
	antenna layout.	uga required,	, one rogin	ore support			_
05)// 0/	Many	drewings	heve heen	viewed in an	effert to	find a sui	table
25X1C4	building to hou	se the transm	mitter and	receiver stat	tions. A c	hoice has b	een
	made to be pres	ented as a su drawings.	uggestion of	f two building	ngs which w	ere listed	2.5
25X1C4						1	
	Some minor emergency power	modification	as will be	necessary for	our use.	Drawings f	or
	emergency power	BURTIONS DEV	AB DEBU ODE	rined which i	. I C OUI Dec	db very wer	
*	The size been establishe	of the hardst	tand requir	ed for the or	peration of	agent use.	the 25X1A
**************************************	antanna layout	is uncertain.	. It has be	een stated th	nat three s	taff circui	ts
	will be require	d. Proceedin	ng on the p	remise that t	the staff of	ircuits may	be
,	in any direction suggested that	the receiver	station and	tenna layout	should be	a duplicate	of
	that at the tra	nsmitter. A	suggested	antenna layou	it has been	prepared,	and
25X1A	the buildings,			he antenna fa	THE THAT DE	en Incorpor	
	THE PROPERTY AND						į

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	MON	ITHLY PROJEC	T REPORT		
ORIGINATOR(S) • CC-E	BUDGET	EST.FY.	}	EPORTING PERIOR - 30 September	
□ FUTURE ® A	CTIVE	☐ COMPLETED	□ CA	NCELLED []	SUSPENDED
PROJECT NUMBER E-5113	PRIORITY C	LASS PRIM.	i .	OJECT ENGINEER	■ 25X1A9
PROJECT TITLE	<u> </u>				that would be have been a given sometime to enque.
Thermocou	uples and Me	ters as used i	n the TAC-1	Antenna Tuner	
PROJECT REQUIREMENT		·			
To provide a mode damaging the thermode.	odification of couples and a	and/or operati meters.	ng informati	on which will p	preclude
PROJECT DESCRIPTION					Principal consistent in accordance in participation de de principal de description de descriptio
Determine what the proper modificat	is causing tion or inst	the thermocoup ructions to pr	les and mete event damagi	rs to burn out. ng †hese parts.	Provide
· ,					
APPROVAL DATE	APPROYE	STAR	TING DATE	COMPLETIO	
September 1957		Sep	tember 1957		25X1A9a
	.) 0	** 1 **** 4 **** 4 ****			to be the section of
Two new meters	• 41				

25X1A9a dated 16 September 1957.

This test indicated that when currents of over three amperes are present in the TAC-1, the antennas and transmission lines are very inefficient. Good engineering practice would dictate a second look at the antenna/transmission line when such aberrant readings were noted. However, since this cannot always be expeditiously accomplished, a study will be made to investigate the feasibility of shunting one or both of the thermocouples of the TAC-1 with an adequate switch.

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25X1A

	ТИОМ	HLY PROJECT REPO	RT		
RIGINATOP(S) OC-SP/EA	BUDGET E	ST.FY. 1958 AMOUNT \$60,000	1	O Septembe	er 1957
] FUTURE 🙀	ACTIVE	☐ COMPLETED	CANCELLE		озақзчей
PROJECT NUMBER E-5114	PRIORITY CLA	SEB/SDS	PROJECT	ENGINEER	25.
ROJECT TITLE Communications Li	nk for				^{25X} 25X
ROJECT REQUIREMENT			43		and
To provide d	uplex radio tel	Letype facilities b	etween the		25
ROJECT DESCRIPTION		to determine system	•		
High Frequency an cost chart will b ordering of the e neering for the e	e made. The fi quipment. This	inal phase will be s project will incl ntenna installation	the actual s ude the deta	iled syste	em engi-
cost chart will b	e made. The fi quipment. This	inal phase will be s project will incl	the actual s ude the deta	iled syst	em engi-
cost chart will b ordering of the e neering for the e	e made. The fi quipment. This	inal phase will be s project will incl	the actual a ude the deta	COMPLETION	W DATE
cost chart will b ordering of the e neering for the e	e made. The fiquipment. This quipment and ar	inal phase will be sproject will include the project will include the project will include the project will be sproject will be sproject with the project will be sproject will include the project will include the project will be sproject will be sproject will be sproject will be sproject will include the project will be sproject will be	the actual sude the deta	iled system	em engi-
pproval Date September 1957 Mr. concerning the cand turned over covering various expected with each of the concerning the covering various expected with each covering various expected view expect	APPROVE OC/SPD raite. Maps cov to a local constant type. From	inal phase will be sproject will includent installation	rea with detailed at long path to and the relacementative of the second reactive of the sec	COMPLETION ailed info have been hematical iability toost chart	25X1A9

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		MONTHLY	PROJECT REPO		
ORIGINATOP(S) OC-E	· · · · · · · · · · · · · · · · · · ·	BUDGET EST. FY	. 58 NUNT \$500.	1	September 1957
- FUTURE	₩ ACTIVE	Co	MPLETED	CANCELLE	
PROJECT NUMBER E-5115	PR	IORITY CLASS	PRIM. RSPN. EES	PROJECT	25X1A9
PROJECT TITLE		zation of VHF mange of 144 to			ter-Receiver
PROJECT REQUIREM TSS and C tion of a 25 v most flexibil	Communicat vatt mobil	ion requiremente VHF Transmit	ts necessitiate ter-Receiver of	es the selec f the higher	ction for standardiza
PROJECT DESCRIPT	mine by ev	aluation and c	omparison the	best of a n	umber of commercially
To determ available mob ed for standar	ile/AC uti		suitable unit	will be se	lected and recommend-

Meetings were held during the month with the Support Branch/O&T and TSS Personnel to determine operational and quantitative requirements for the above type equipment. See attached Memorandum to the File, dated 12 September 1957.

An analysis of various commercial type equipment has been initiated. A recommendation will be soon forth coming as to a unit recommended considering flexibility, compactness, efficiency, and availability.

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			MONTHLY PROJEC	T REPORT		
1A6a	ORIGINATOR (S)	Вир	GET EST. FY.	REP	ORTING PERIOD	
ıдоа	56-2716, CPI	7-006	AMOUNT	1-	30 September 1	.957
	□ FUTURE (3 ACTIVE	COMPLETED			Suspended
	PROJECT NUMBER	PRIORITY	CLASS PRIM		ECT ENGINEER	25X1A
(1A6a	PROJECT TITLE New Receiver Faci	lity	Ŷ			Addition to the street of the second
	To construct ing facilities ar close proximity a	a new perma e inadequate	nent type radio due to interfer trical noise in	ence from trans	lity. Present smitters locat	receiv-
	PROJECT DESCRIPTION	4			- -	
	To design an Construction Dividivisions.	d coordinate sion, Office	layout of recei of Logisitics a	ver station with nd appropriate	the Real Es Office of Com	tate and munication
	COMPARAGE TOM DIAT	d coordinate sion, Office	layout of recei of Logisitics a	ver station wit nd appropriate	the Real Es Office of Com	tate and munication
	COMPARAGE TOM DIAT	d coordinate sion, Office	layout of recei of Logisitics a	ver station with nd appropriate	the Real Es Office of Com	tate and munication
	COMPARAGE TOM DIAT	d coordinate sion, Office	layout of recei of Logisitics a	ver station wit nd appropriate	the Real Es Office of Com	tate and munication
	COMPARAGE TOM DIAT	d coordinate sion, Office	layout of recei of Logisitics a	ver station with additional version with the state of the	the Real Es Office of Com	tate and munication
	COMPARAGE TOM DIAT	d coordinate sion, Office	or Logisitics a	ver station with appropriate	of the Real Es Office of Com	munication.
	divisions.	sion, Office	STAR	nd appropriate	Office of Com	munication.

- 1. The ground radial system, as specified in our drawings, was completed on 7 August;
- 2. Two of three culverts for the main access road have been completed;
- 3. main access road is now being graded according to specifications; 4. the foundations for the receiver, generator and guard shack buildings were completed on 21 August;

The contractor stated that the entire construction phase of this project will be completed prior to 1 December.

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S F G D F T

			PROJECT RE	PORT			
ORIGINATOR (S)		BUDGET EST.	FY.		REPORTING	PERIOD	
OC-0&T 54-237			AMOUNT		1 September	r-30 September	
- FUTURE	ACTIVE		COMPLETED	0	CANCELLED	SUSPENDED	
PROJECT NUMBER	PRI	ORITY CLASS	PRIM. ASP	Ν.	PROJECT ENG	INEER	25X1A9
E-5350 PROJECT TITLE		<u> I </u>	SDS				20/(1/(0
							25X1A6
PROJECT REQUIRE	AENT						
		amount to Duna	\$ - - -				357/140
To furnish Eng	ineering su	pport to Pro	Ject	ŀ			2 5X1A2d
Dealer Deagnes	TION						1
PROJECT DESCRIP							1
		C.O.T. 51. 227	remosted W	!=1# +0	22222	nost optimata	
On 27 Aug	ust 1954, 0					cost estimate	
On 27 Aug and bill of ma	ust 1954, 0 terials for	subject sta	tion. This d	ata w	as fordarded	i to OC-O&T on	25X1A2d
On 27 Aug and bill of ma	ust 1954, O terials for	subject sta was r	tion. This d	ata w	as fordarded		25X1A2d
On 27 Aug and bill of ma 21 July 1955. field dimensio	ust 1954, O terials for ms and draw	subject sta was r ings.	tion. This deceived on 18	ata w May	as fordarded 1957 and rec	i to OC-O&T on quested antenna	25X1A2d
On 27 Aug and bill of ma 21 July 1955. field dimensio	ust 1954, O terials for ms and draw eering supp	subject sta was reings.	tion. This deceived on 18	ata way :	as fordarded 1957 and red de drawings	i to OC-O&T on quested antenna depicting the	25X1A2d
On 27 Aug and bill of ma 21 July 1955. field dimensio The Engin suggested ante	ust 1954, 0 terials for ns and draw eering supp	subject sta was r ings. ort to this or both site	tion. This deceived on 18 project will s, and detail	May included con	as fordarded 1957 and red de drawings natruction d	to OC-O&T on quested antenna depicting the drawings for	25X1A2d
On 27 Aug and bill of ma 21 July 1955. field dimensio	ust 1954, 0 terials for ns and draw eering supp	subject sta was r ings. ort to this or both site	tion. This deceived on 18 project will s, and detail	May included con	as fordarded 1957 and red de drawings natruction d	to OC-O&T on quested antenna depicting the drawings for	
On 27 Aug and bill of ma 21 July 1955. field dimensio The Engin suggested ante these antennas	ust 1954, 0 terials for ms and draw eering supp nna field f ; also, any	was reings. ort to this or both site other engine	tion. This deceived on 18 project will s, and detail eering suppor	ata wa May included con t requ	as fordarded 1957 and red de drawings nstruction d uested by th	to OC-O&T on quested antenna depicting the drawings for me field.	25X1A2d
On 27 Aug and bill of ma 21 July 1955. field dimensio The Engin suggested ante these antennas	ust 1954, 0 terials for ns and draw eering supp	was reings. ort to this or both site other engine	project will s, and detail eering suppor	included contraga	as fordarded 1957 and red de drawings nstruction d uested by th	to OC-O&T on quested antenna depicting the drawings for	
On 27 Aug and bill of ma 21 July 1955. field dimensio The Engin suggested ante these antennas	ust 1954, 0 terials for ms and draw eering supp nna field f ; also, any	was reings. ort to this or both site other engine	tion. This deceived on 18 project will s, and detail eering suppor	included contraga	as fordarded 1957 and red de drawings nstruction d uested by th	to OC-O&T on quested antenna depicting the drawings for me field.	
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ORIGINATOP(S)	M	MONTHLY PROJECT	REPORT		
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D FUTURE	- ACTIVE	AMOUNT	·	O September 1957	~
PROJECT NUMBER	PRIORITY	CLASS PRIM. R	CANCELL	ENGINEER SUSPENDED	
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PROJECT REQUIREN				the second designation of the second	. 25X1A6k
Investigat Station	e the cost of Ma Buildings (ENG)	aintenance and the 7-373, CPL 7-014).	state of deter	ioration of the	25X1A6k
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Project Descript Prepare a	ion report of Mainte	enance Costs to inc	·lude :	and the second s	
		ts (1952 to present			
B. The exp	ected maintenand	ce cost for (future	1		
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PPROVAL DATE	APPROVE	STARTIN		COMPLETION DATE	25X1A9a
MAY 1957			1957		
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5X1A6a 					
has	reviewed our r	equest for informa	tion regarding	their maintenance	
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problem and reimpossible to	ported that, in	their opinion, the	e information r	aniastad ta	25X1A6k

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